

Figure 1

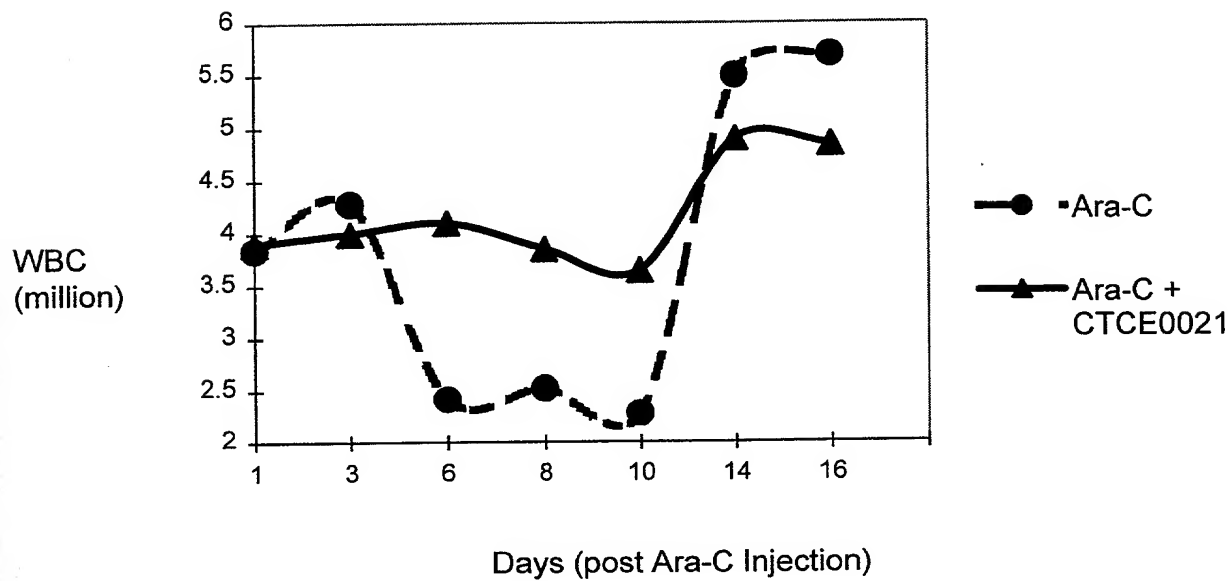


Figure 2A

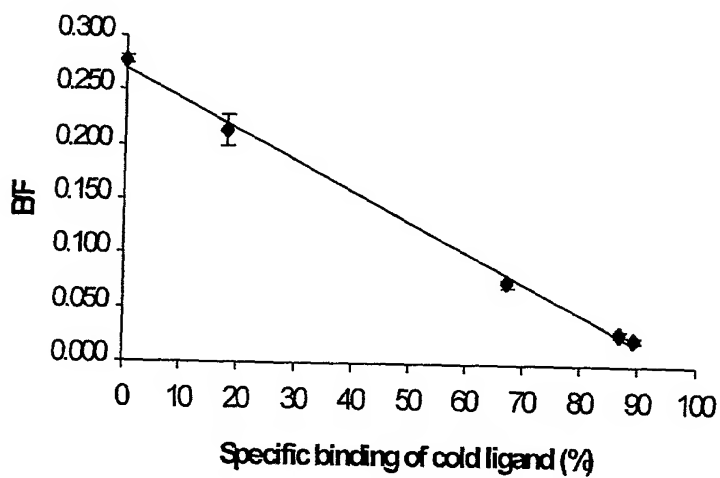
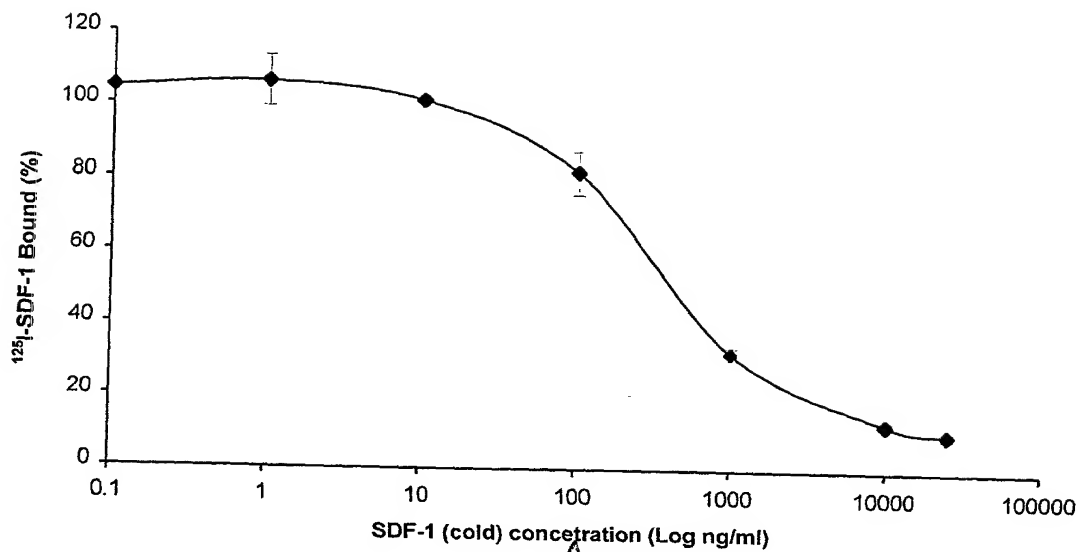


Figure 2B

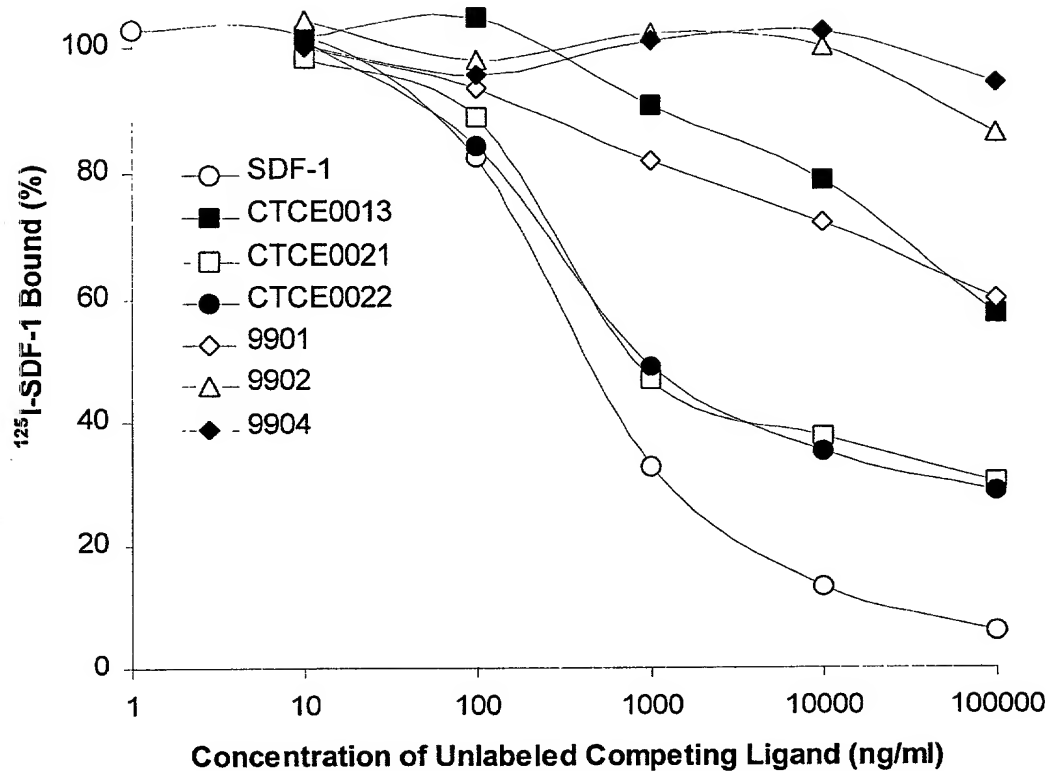


Figure 3

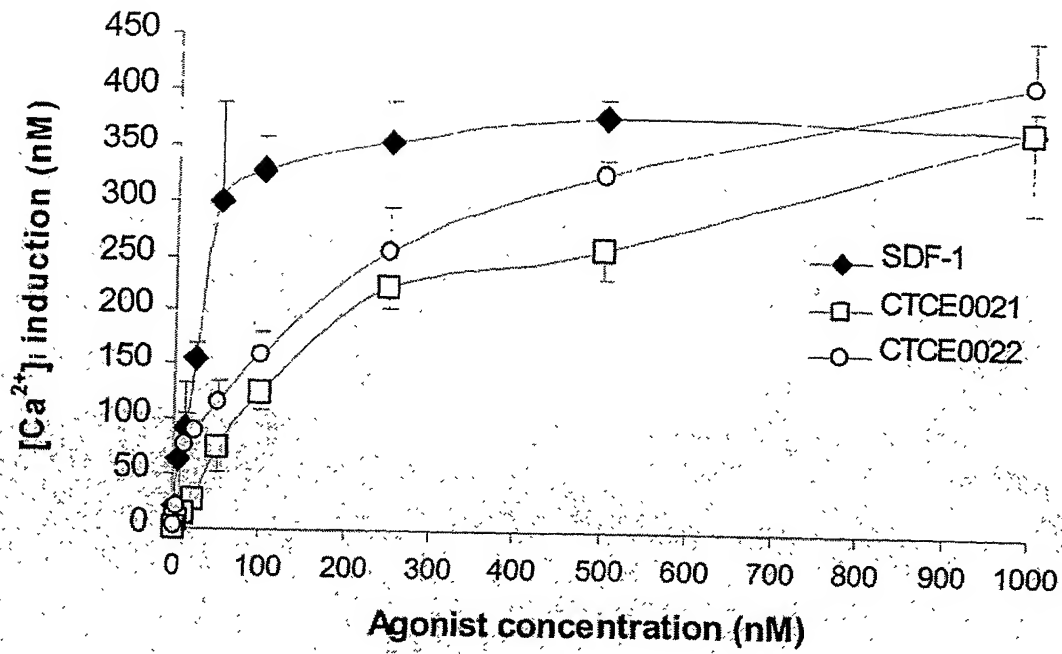


Figure 4

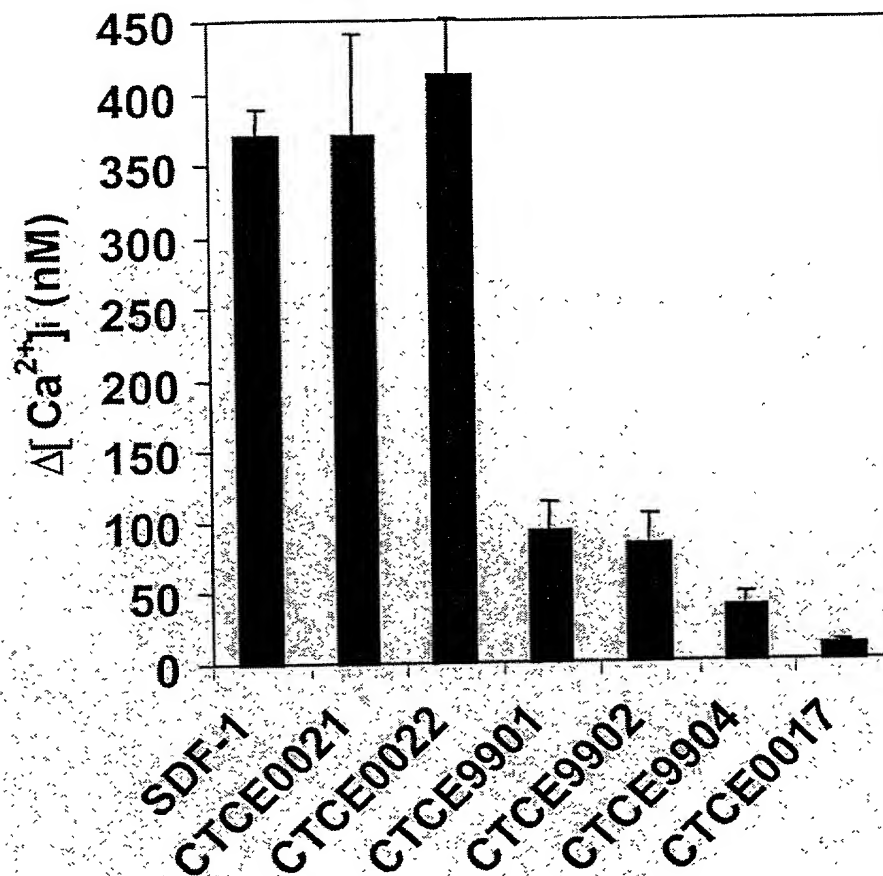


Figure 5

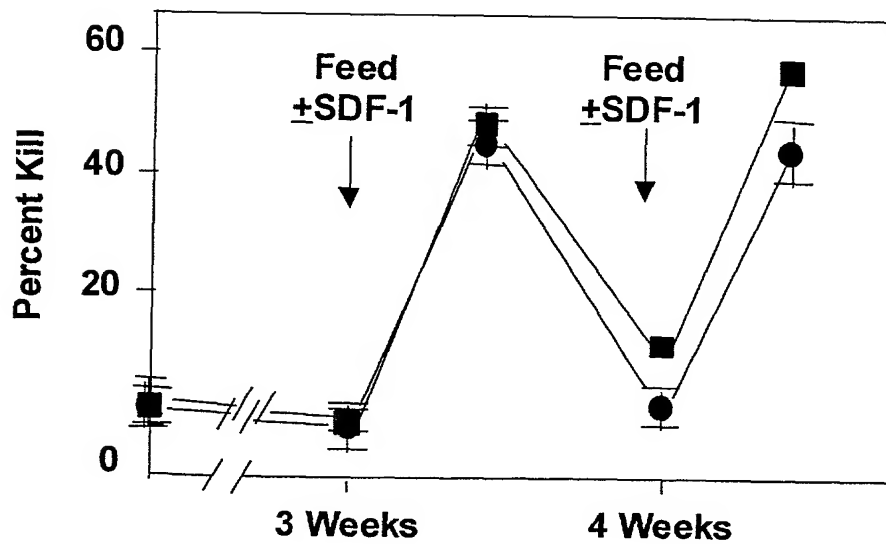


Figure 6

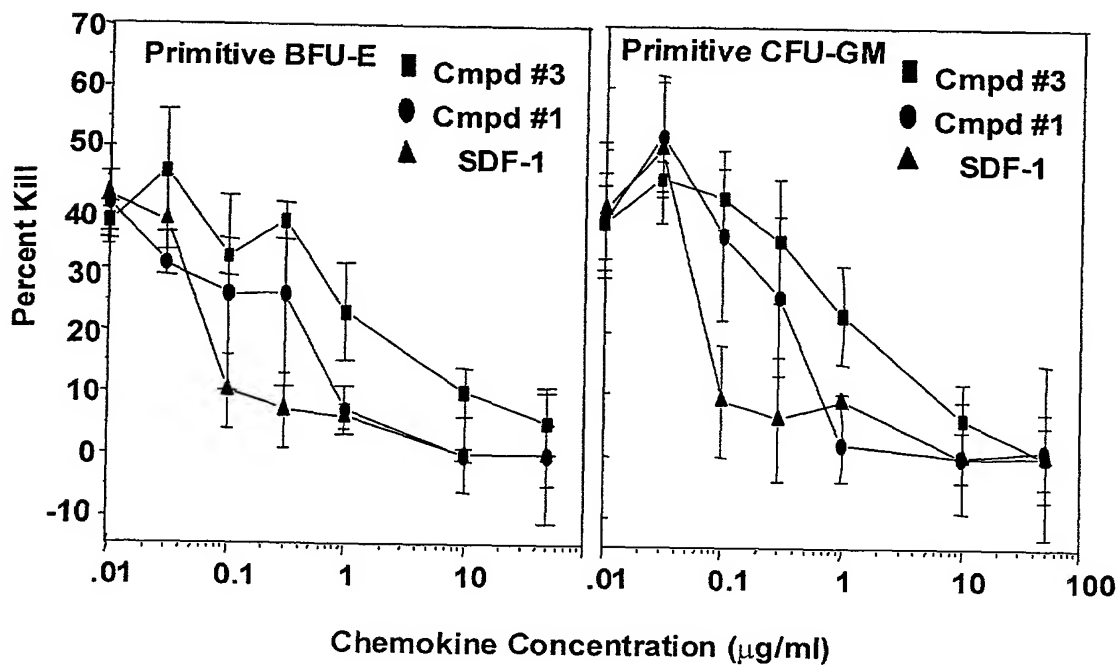
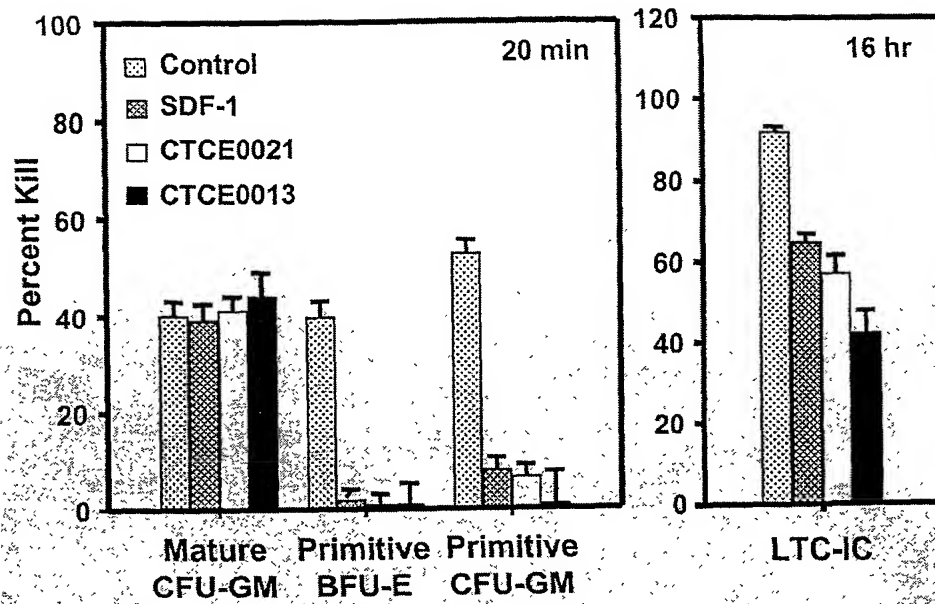


Figure 7



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Figure 8

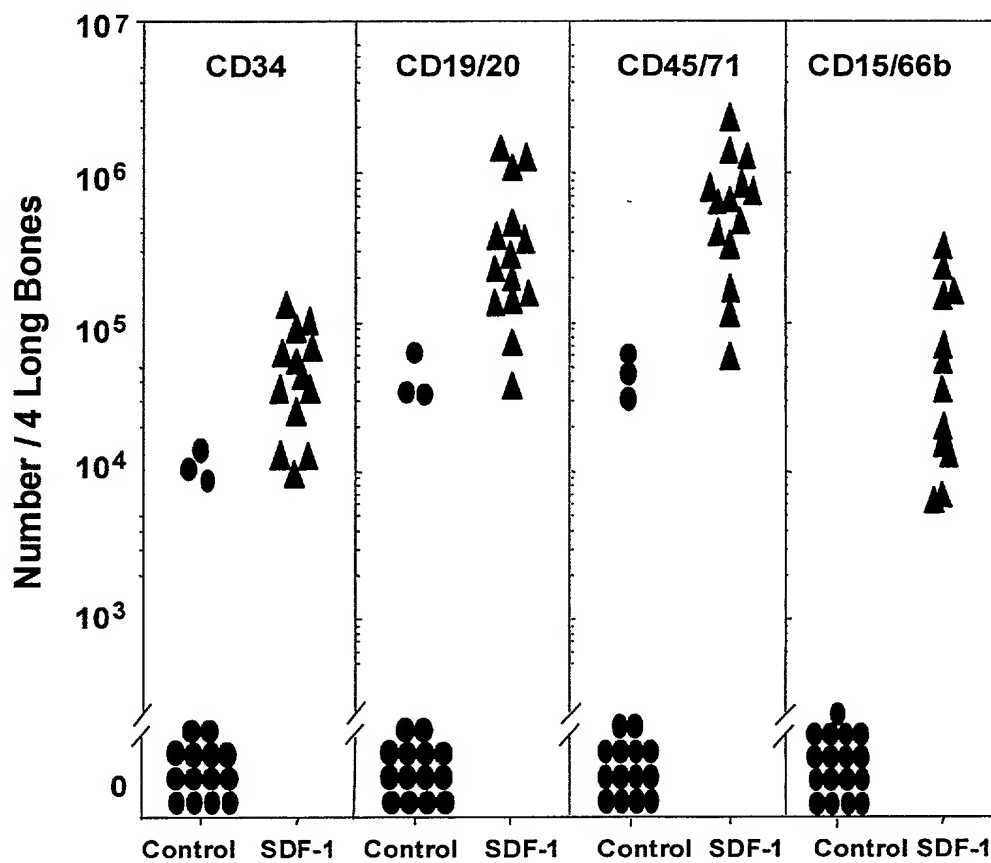




Figure 9

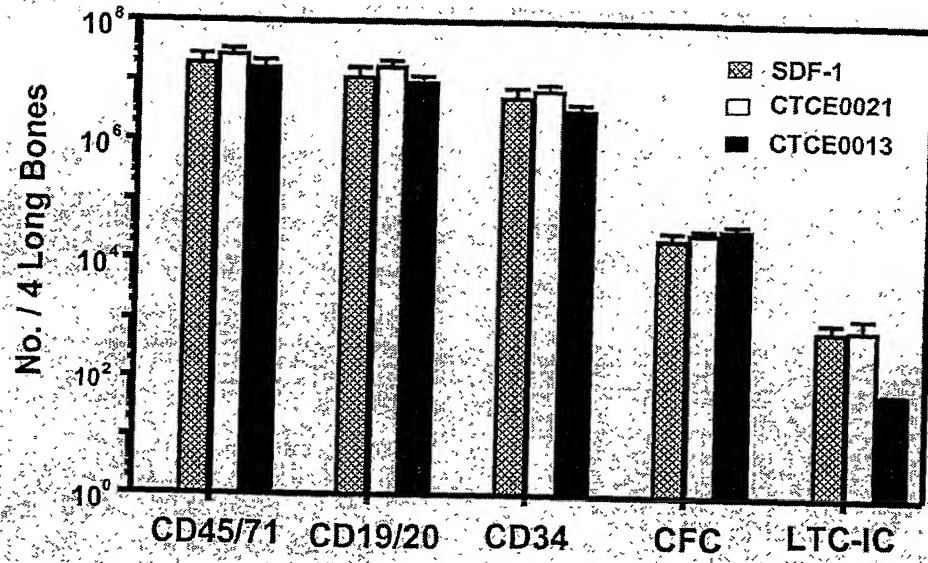


Figure 10

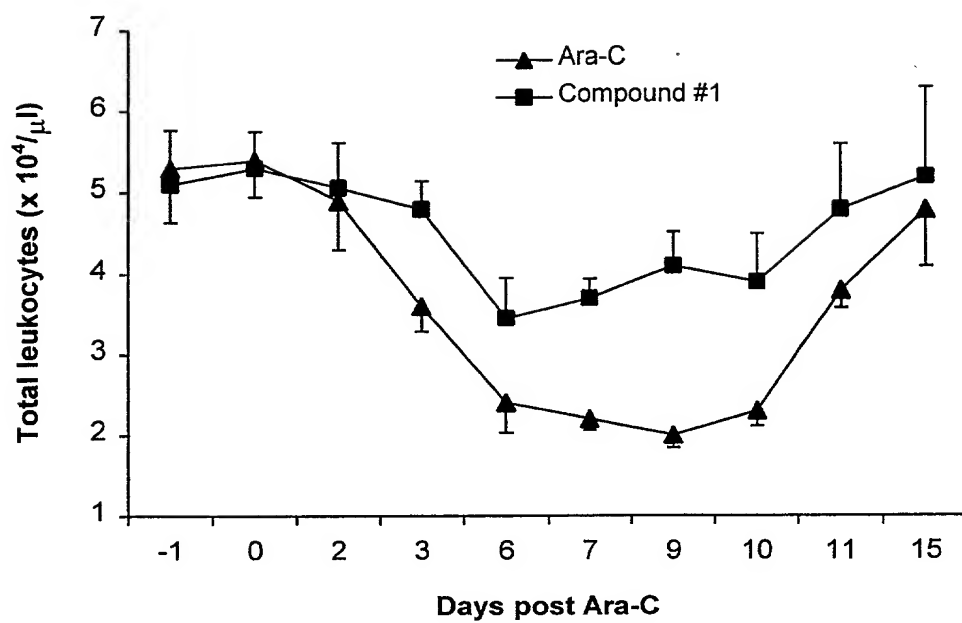


Figure 11

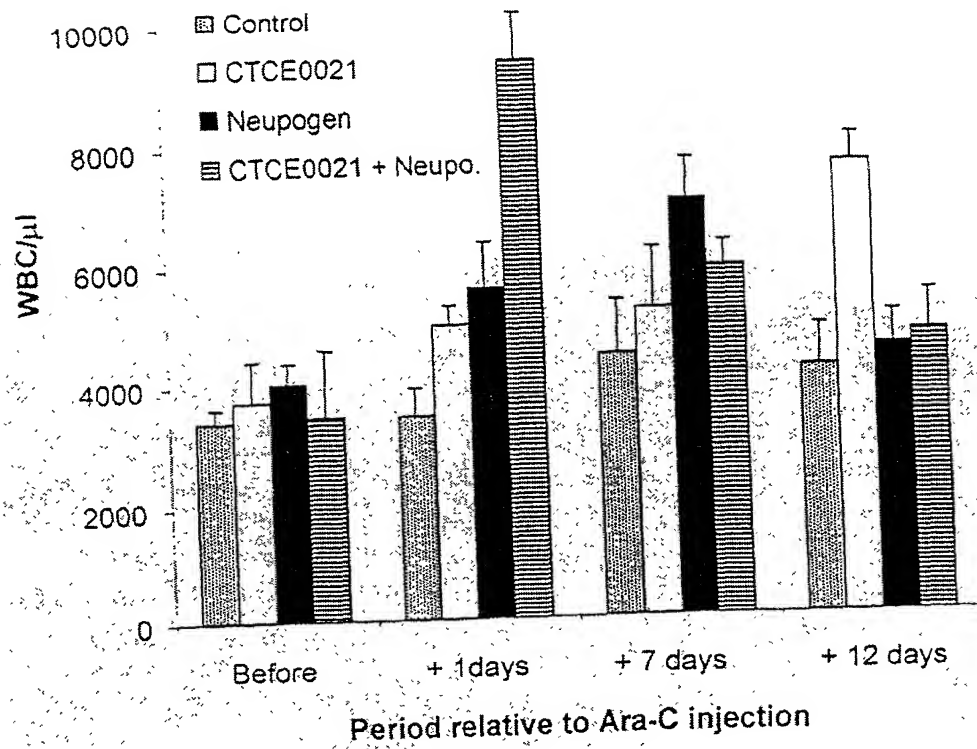
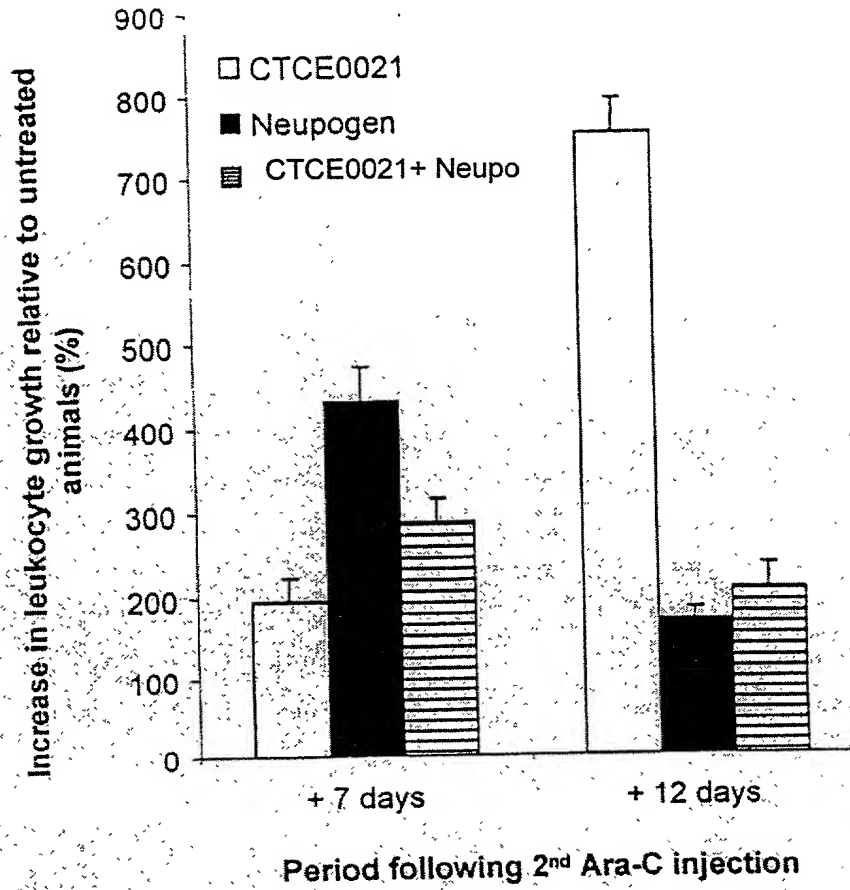


Figure 12



## Figure 13

### SDF-1 SEQUENCES

Seq. ID NO: 1 (SDF-1 $\alpha$ ; Human)

- a) LENGTH: 67 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and/or pegylated)

**KPVSL SYRCP CRFFE SHVAR ANVKH LKILN TPNCA LQIVA RLKNN**

1            6            11            16            21            26            31            36            41

**NRQVC IDPKL KWIQE YLEKA LN**

46            51            56            61            66

Seq. ID NO: 2 (SDF-1 Precursor, PBSF; Human)

- a) LENGTH: 93 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and or pegylated)

**MNAKV VVVLV LVLTA LCLSD GKPVS LSYRC PCRFF ESHVA RANVK**

1            6            11            16            21            26            31            36            41

**HLKIL NTPNC ALQIV ARLKN NNRQV CIDPK LKWIQ EYLEK ALNKR**

46            51            56            61            66            71            76            81            86

**FKM**

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Seq. ID NO: 3 (SDF-1 $\beta$ ; Human)

- a) LENGTH: 93 amino acids
- b) TYPE: amino acid
- c) TOPOLOGY: linear
- d) MOLECULE TYPE: protein (recombinant and or pegylated)

**MNAKV VVVLV LVLTA LCLSD GKPVS LSYRC PCRFF ESHVA RANVK**

1            6            11            16            21            26            31            36            41

**HLKIL NTPNC ALQIV ARLKN NNRQV CIDPK LKWIQ EYLEK ALNKR**

46            51            56            61            66            71            76            81            86

**FKM**

91